

Name _____ Period _____ Date _____

For problem 1- 6, please give the name of the parent function and describe the transformation represented.

1. $g(x) = x^2 - 6$

Parent: _____

Transformations: _____

2. $f(x) = |x-1|$

Parent: _____

Transformations: _____

3. $h(x) = \sqrt{x} + 4$

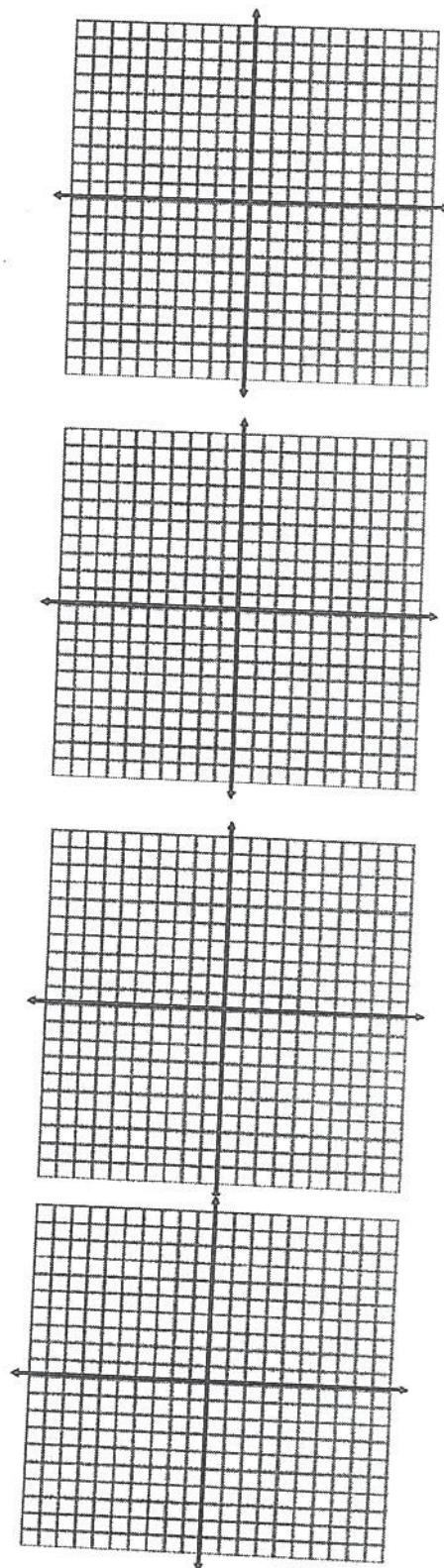
Parent: _____

Transformations: _____

4. $g(x) = (x+1)^2 + 3$

Parent: _____

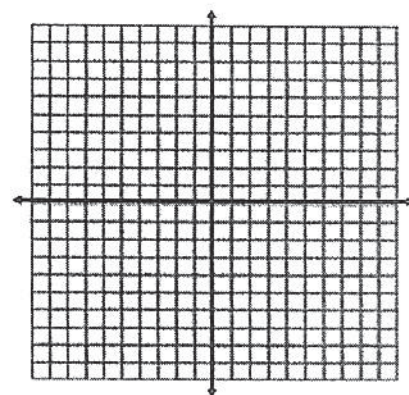
Transformations: _____



5. $g(x) = -x^4 - 2$

Parent: _____

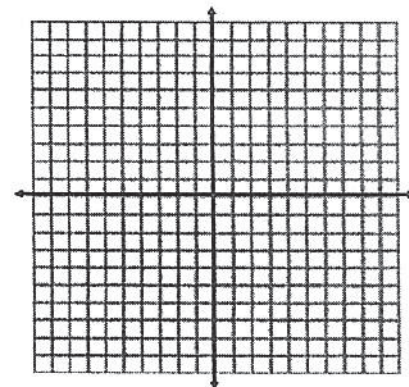
Transformations: _____



6. $f(x) = |x + 5| - 2$

Parent: _____

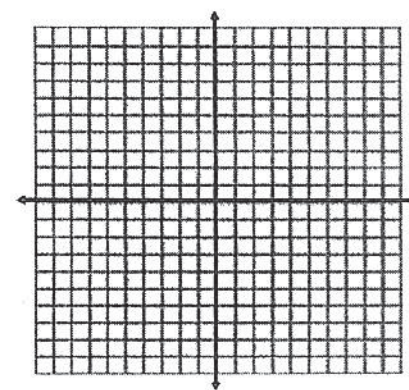
Transformations: _____



7. $h(x) = \sqrt{x + 2} - 5$

Parent: _____

Transformations: _____



8. $h(x) = (-x)^3 + 1$

Parent: _____

Transformations: _____

